

Converting Colors

CIELCh(69, 17.871, 12.606)

Have a look what the booklet for
CIELCh(69, 17.871, 12.606) contains.

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Color

CIELCh(69, 17.883, 12.363)

Conversions

Conversions Part 1

Format	Color
Hex	CA9DA2
RGB	202, 157, 162
RGB Percent	79%, 62%, 64%
CMY	0.2073, 0.3838, 0.3642
CMYK	0.00, 0.22, 0.20, 0.21
HSL	353°, 30%, 70%
HSV	353°, 22%, 79%
XYZ	43.0036, 39.3444, 39.5686
YIQ	171.0250, 25.2150, 11.0950

Conversions

Conversions Part 2

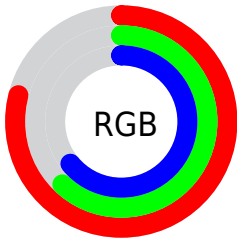
Format	Color
RYB	202, 157, 162
Decimal	13278626
CIELab	69.00, 17.47, 3.83
CIELCh	69, 17.883, 12.363
Yxy	39.3444, 0.3527, 0.3227
Android (android.graphics.Color)	4291468706 (0xFFCA9DA2)
YUV	171.0250, -4.4493, 27.1651
Hunter-Lab	62.7251, 12.6086, 6.5059

Details

The CIELCh color $69, 17.883, 12.363$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $78, 15.930, 188.522$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 16.107, 11.364$, and $49, 18.007, 12.464$ is the 20% darker color. If you saturate the color by 10%, you get $64, 26.672, 13.701$, and if you desaturate by 10%, it is $74, 9.546, 11.269$.

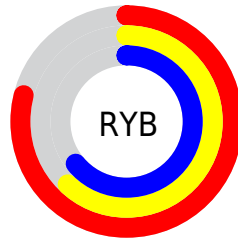
Distribution



Red (79%)

Green (62%)

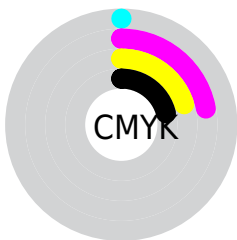
Blue (64%)



Red (79%)

Yellow (62%)

Blue (64%)

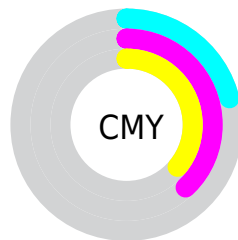


Cyan (0%)

Magenta (22%)

Yellow (20%)

Black (21%)



Cyan (21%)

Magenta (38%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 17.883, 12.363 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 69, 17.883, 12.363 by changing the saturation by 10% instead.

■ 69, 17.883, 12.363

■ 69, 17.883, 12.363

■ 100, 17.883,
12.363

■ 59, 17.883, 12.363

■ 89, 17.883, 12.363

■ 49, 17.883, 12.363

■ 99, 17.883, 12.363

■ 39, 17.883, 12.363

■ 29, 17.883, 12.363

■ 19, 17.883, 12.363

■ 9, 17.883, 12.363

■ 0, 17.883, 12.363

■ 69, 17.883, 12.363

■ 69, 17.883, 12.363

■ 64, 26.672, 13.701

■ 74, 9.546, 11.269

59, 35.815, 15.361

80, 1.708, 10.124

54, 45.125, 17.462

86, 5.637, 189.790

50, 54.328, 20.134

92, 12.515,
189.104

47, 63.107, 23.502

96, 17.657,
193.261

44, 71.166, 27.601

43, 78.253, 32.212

97, 17.448,
198.349

42, 82.963, 35.553

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



69, 17.883, 12.363



78, 15.930, 188.522

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69, 17.883, 12.363



69, 17.883, 62.363



69, 17.883, 192.363



69, 17.883, 242.363

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



69, 17.881, 12.369



95, 6.472, 10.748



70, 28.543, 322.294



50, 4.214, 10.810



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69, 17.881, 12.369



82, 26.585, 13.014



73, 14.532, 59.724



40, 4.408, 10.980



34, 71.035, 34.869



4, 18.015, 13.950

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



69, 17.881, 12.369



82, 26.585, 13.014



74, 13.112, 244.602



40, 4.408, 10.980



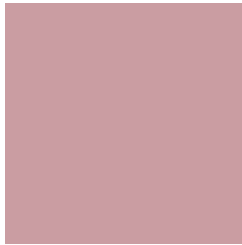
34, 71.035, 34.869



4, 18.015, 13.950

Previews

White Background



This preview shows how the CIELCh color 69, 17.883, 12.363 looks on a white background.

Color Contrast Check

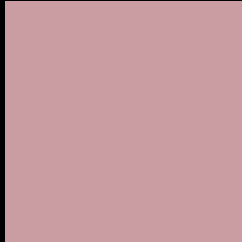
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 69, 17.883, 12.363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 17.883, 12.363

Background



This preview shows how black text looks on a background with the CIELCh color 69, 17.883, 12.363.

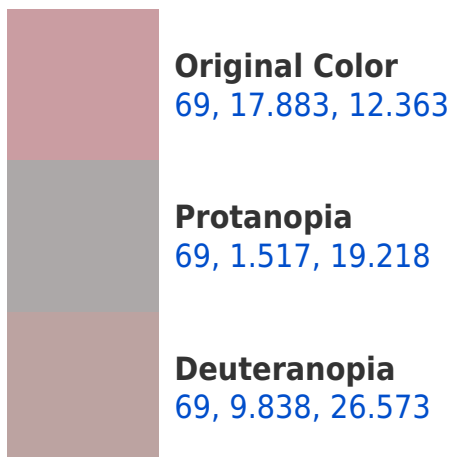


This preview shows how white text looks on a background with the CIELCh color 69, 17.883, 12.363.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
69, 19.333, 1.552

Trichromacy



Original Color
69, 17.883, 12.363

Protanomaly
69, 7.400, 11.529

Deuteranomaly
69, 12.556, 20.511

Tritanomaly
69, 19.074, 4.691

Monochromacy



Original Color
69, 17.883, 12.363

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 6.231, 9.803

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 17.883, 12.363 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(202, 157, 162)` looks like.

```
.text, #text, p{  
    color:rgb(202, 157, 162)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(202, 157, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 157, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 17.883, 12.363 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(202, 157, 162) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(202, 157, 162) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(202, 157, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 157, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 157, 162);  
box-shadow:4px 4px 4px 4px rgb(202, 157,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 17.883, 12.363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 157, 162) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(202,  
157, 162) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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